

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: **671**

Dated: 04-11-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Madhopur**  
Block: **Katihari**  
District: **Ambedkar Nagar**  
State: **Uttar Pradesh**  
Date of Logging: **04-11-2022**  
Drilling Depth: **160.0 m bgl**  
Logging Depth: **137.0 m bgl**  
Rm - **13.0  $\Omega$ m** Rw - **14.0  $\Omega$ m**

Borehole Drilled by: **Vindhya Telelinks Ltd, Ambedkar Nagar, Uttar Pradesh.**

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral 6'** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
<del>1.</del>	25 - 29	04	Good
<del>2.</del>	37 - 52	15	Good
<del>3.</del>	55 - 59	04	Good
<del>4.</del>	66 - 72	06	Good
<del>5.</del>	84 - 92	08	Good
<del>6.</del>	102 - 105	03	Good
<del>7.</del>	110 - 123	13	Good
<del>8.</del>	132 - 136	04	Good

Note: **Fine Bands of Kankar are intermixed with almost all the Zones.**

*Verified as per logs provided.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G.S.H.*  
ASSISTANT HYDROGEOLOGIST  
04/11/2022 (E/M)  
U.P. JAL NIGAM (RURAL)  
FEROZABAD